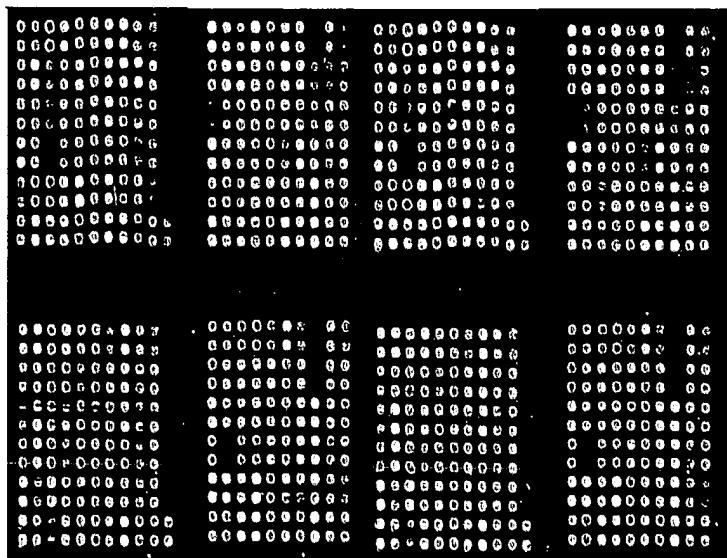


FIGURE 5



Equally expressed in both tissues

Expressed higher in stem than in leaf

Expressed higher in leaf than in stem



FIGURE 6

Scatter Plot representation of RNA expression levels

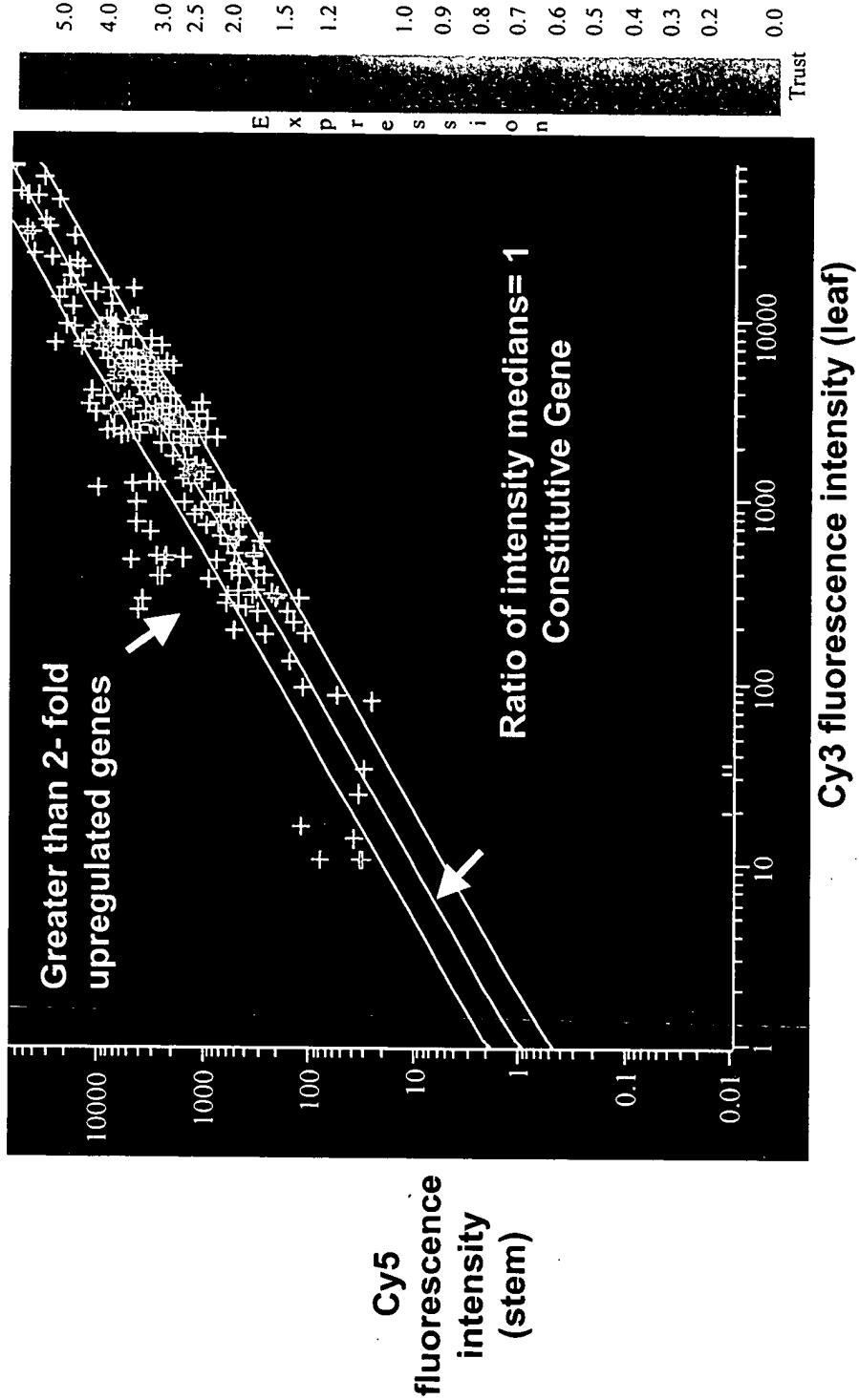


FIGURE 6

Scatter Plot representation of RNA expression levels

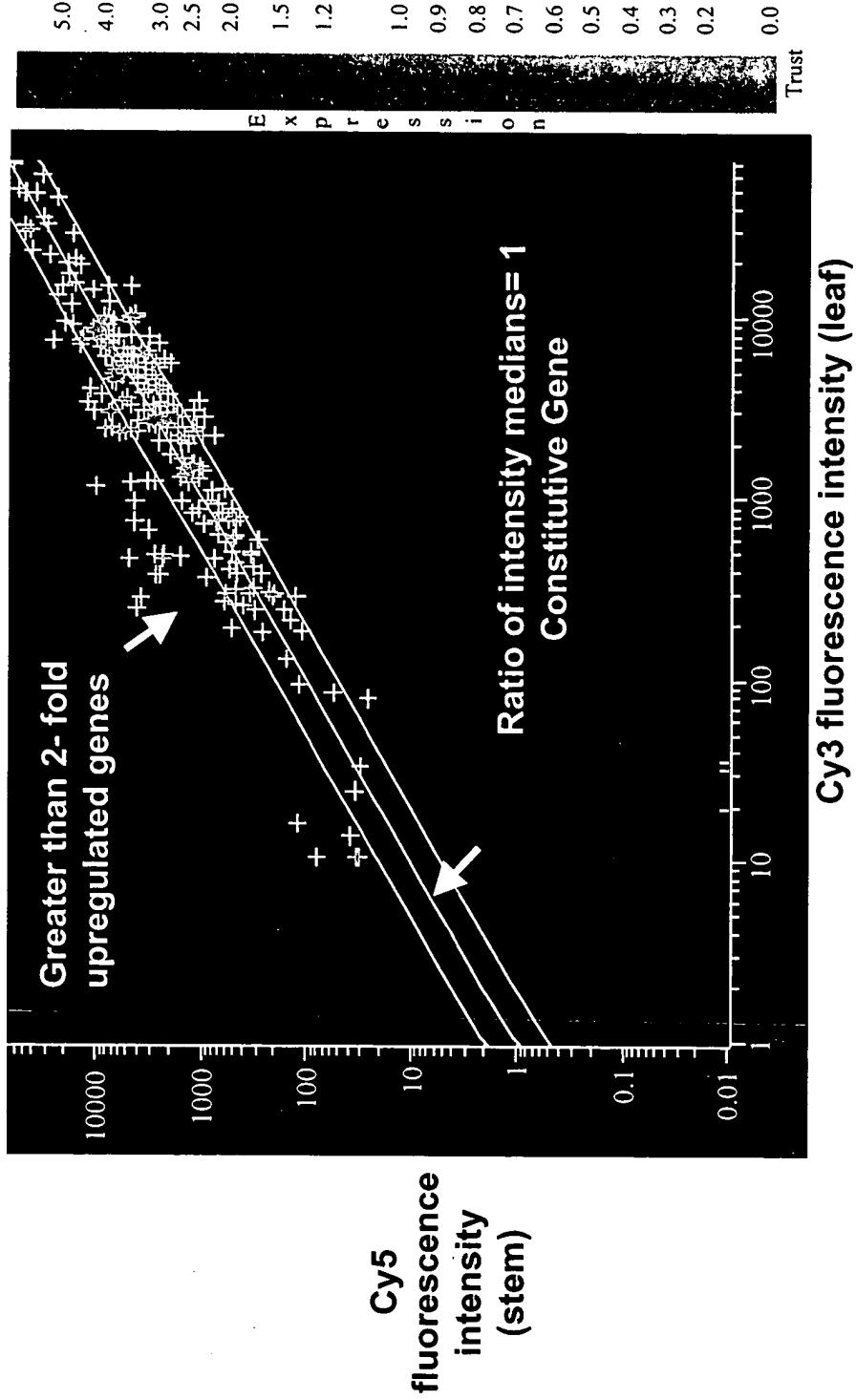


FIGURE 6

Scatter Plot representation of RNA expression levels

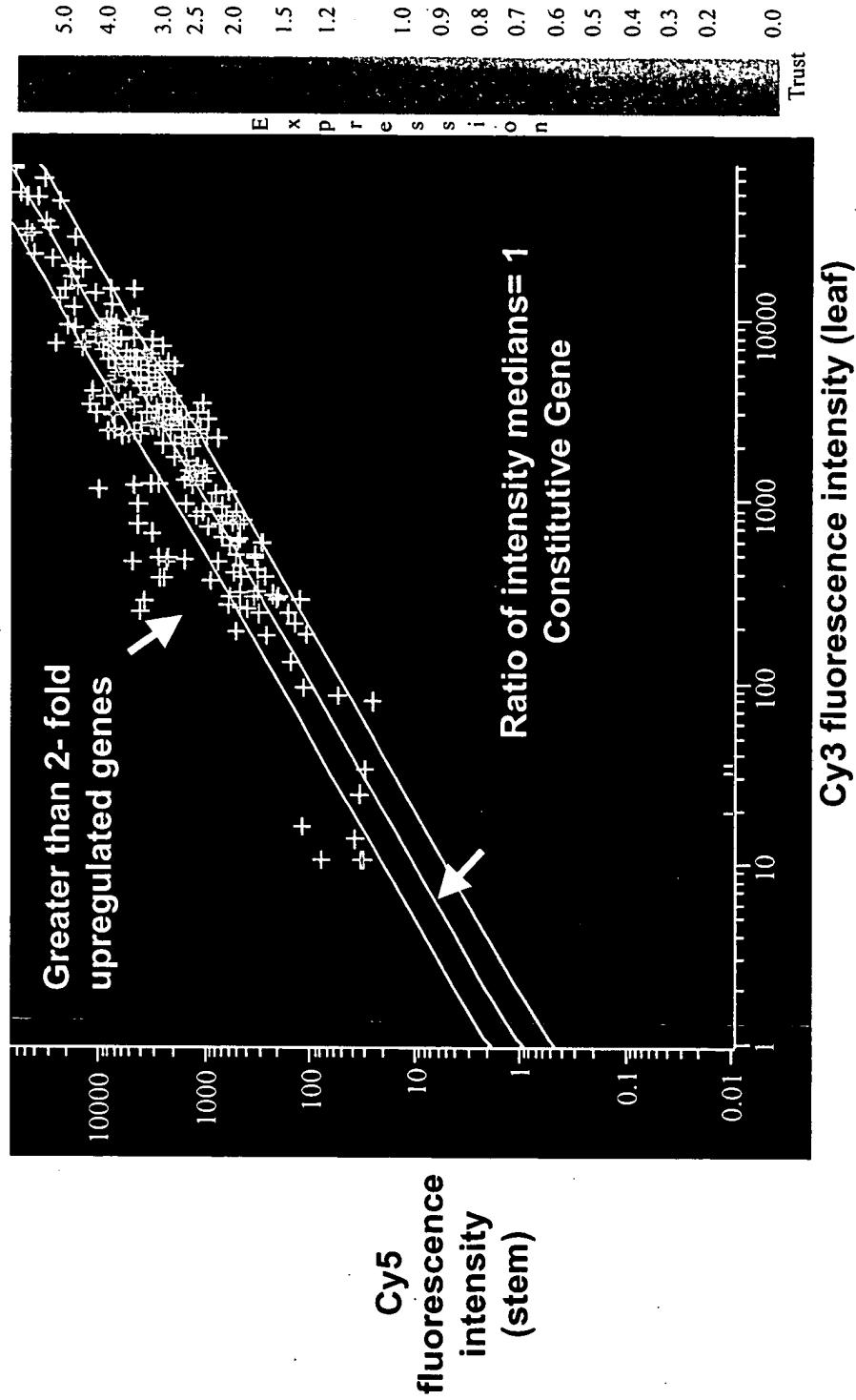
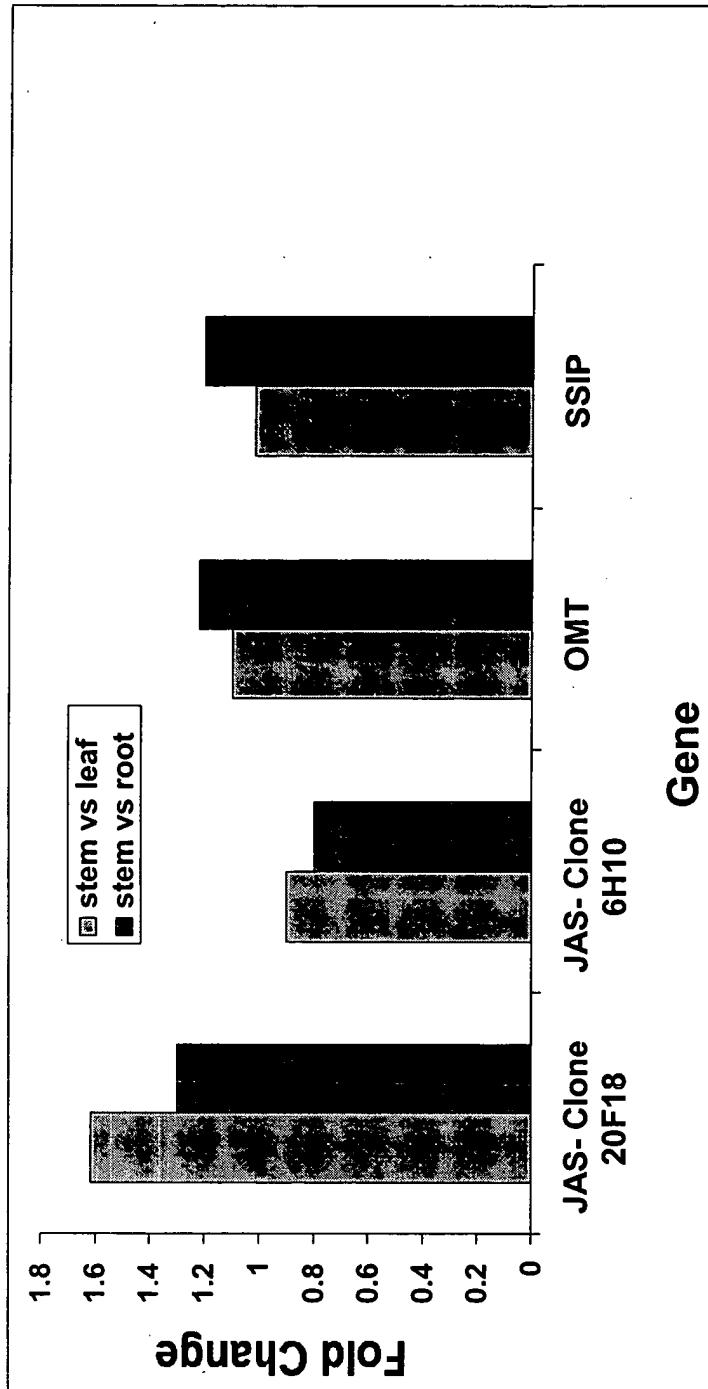
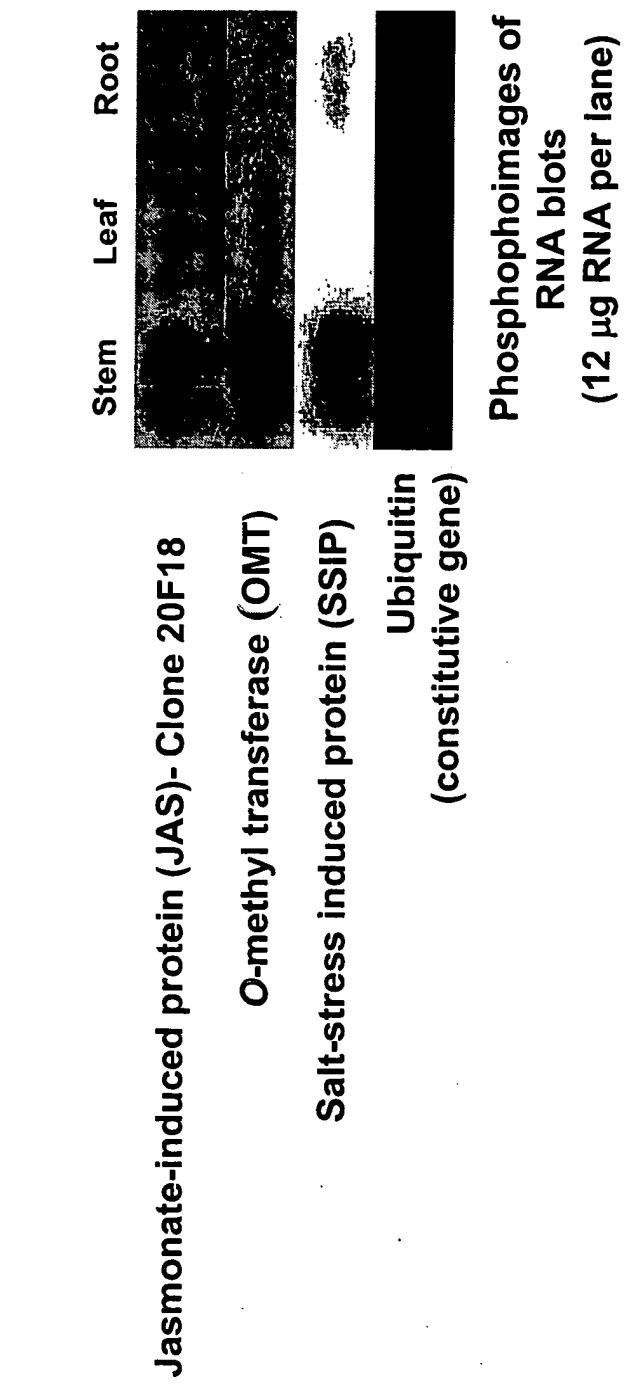


FIGURE 7



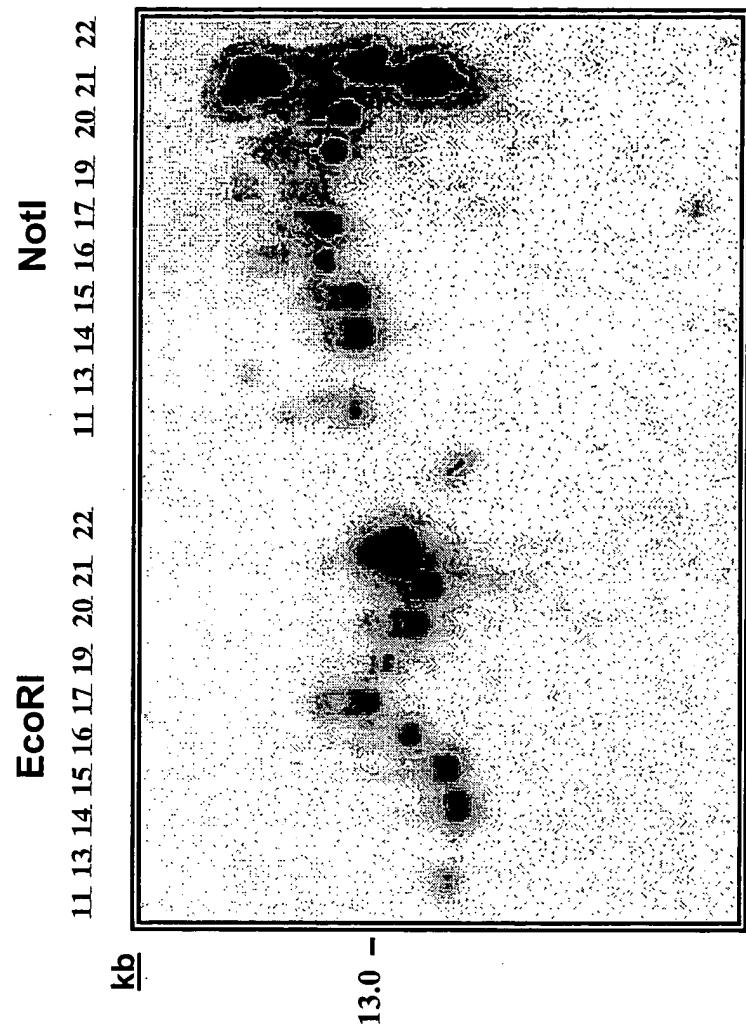
Real-time RT-PCR quantitations (Ct values)
are normalized to
the endogenous control ubiquitin (constitutive gene)

FIGURE 8



OMT full-length cDNA probe

FIGURE 9



Page 13 of 23 - Figure 9
AttoMeY DocKet 017575.0774
Inventors: T. Erik Miksov, et al.
Uses Threeof in Tissue-Specific Expression in
Stem-Regulated, Plant Defense Promoter and
Monocots

OMT full-length cDNA probe

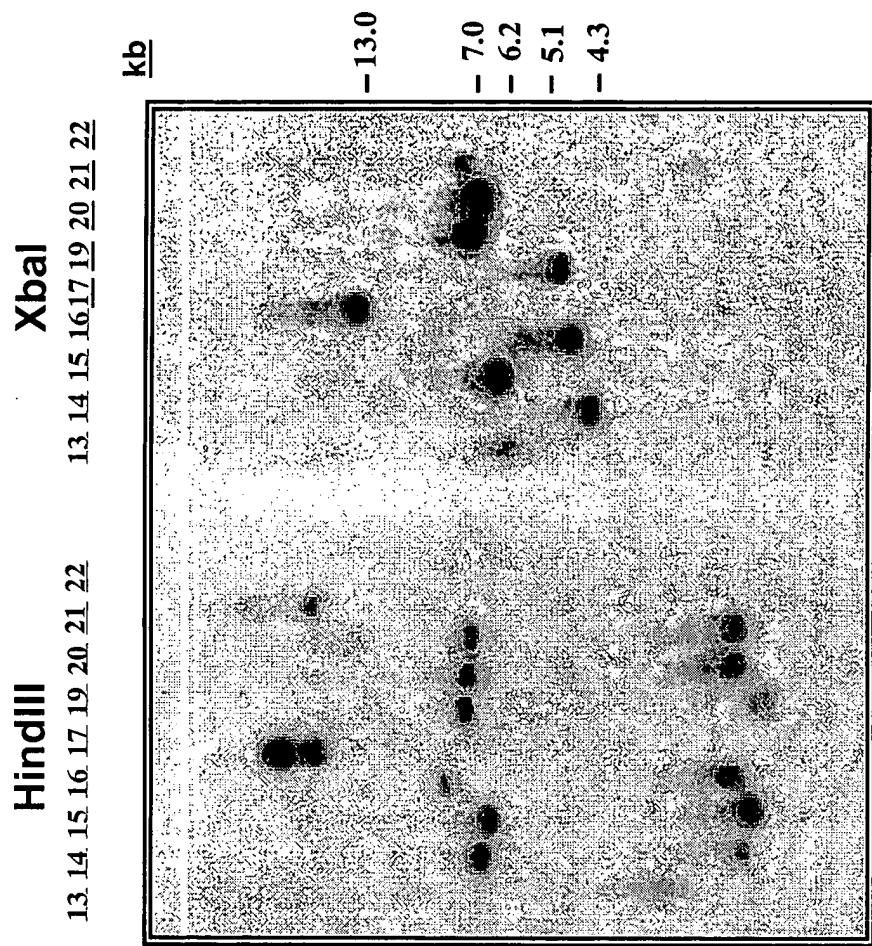


FIGURE 9
(continued)

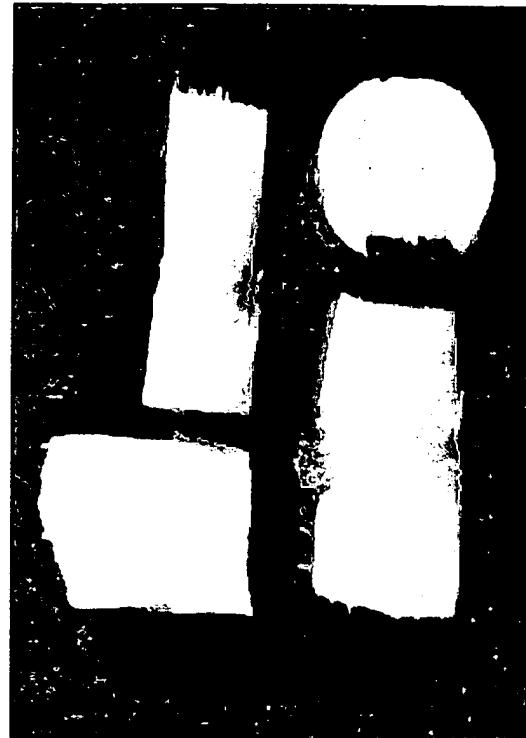
Page 14 of 23 - Figure 9 (continued)
Attorney Docket 017575.0774
Inventors: T. Erik Miksov, et al.
Monocots
Uses Therapeutic, Plant Defense-Promoter and
Stem-Regulator, Plant Defense-Promoter and
Uses Therapeutic, Tissue-Specific Expression in

FIGURE 10

A

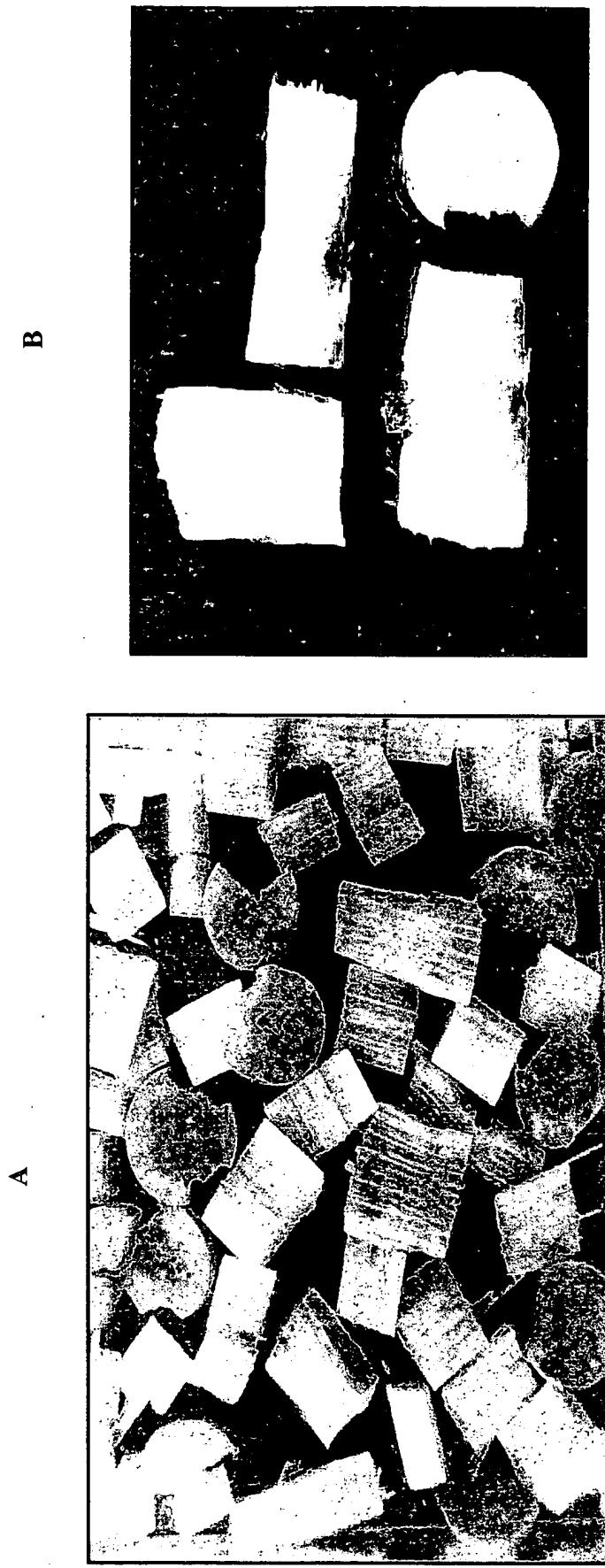


B



Uses Thiores in Tissue-Specific Expression in
Monocots
Inventors: T. Erik Mikko, et al.
Attorney's Docket 017575.0774
Page 15 of 23 - Figure 10

FIGURE 10



Page 16 of 23 - Figure 10
Attorney Docket 017575.0774
Inventors: T. Erik Mikroy, et al.
Monocots
Uses Thereof in Tissue-Specific Expression in
Stem-Regulatory, Plant Defense Promoter and

FIGURE 10

A



B

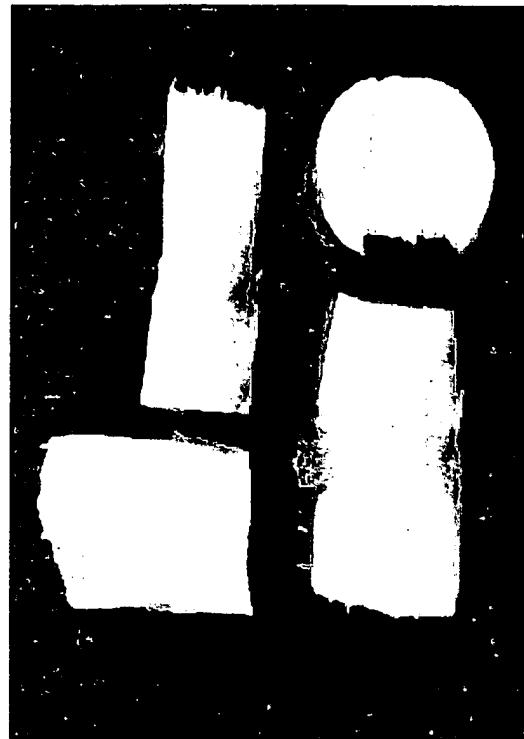
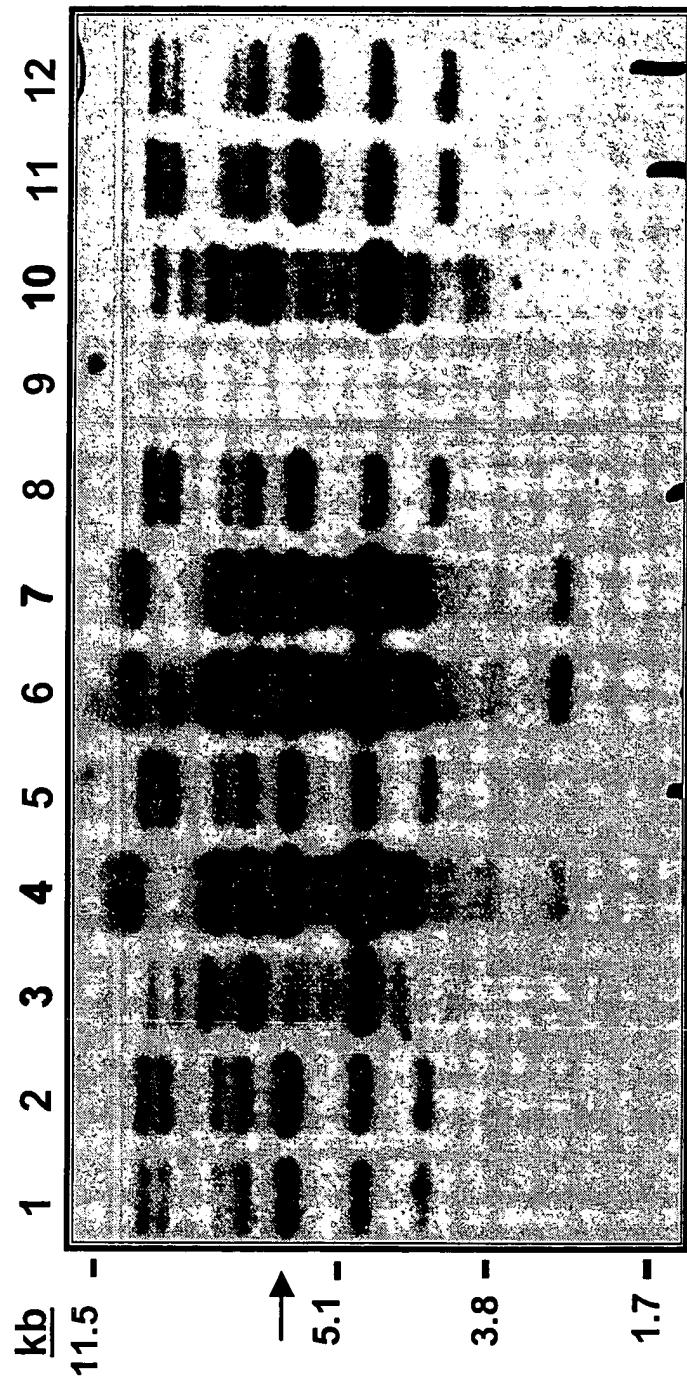


FIGURE 11



Page 18 of 23 - Figure 11
Attozyme Docket 017575.0774
Inventors: T. Erik Miklov, et al.
Uses *Transgene* in *Tissue-Specific Expression* in
Stem-Regulated, Plant Defense Protein in
Monocots

Page 19 of 23 - Figure 12
Attorney DocID:017575.0774
Inventors: T. Erik Miksov, et al.
Uses *Thierry* in *Tissue-Specific Expression in
Stem-Regulated Plant Defense and Monocots*

FIGURE 12

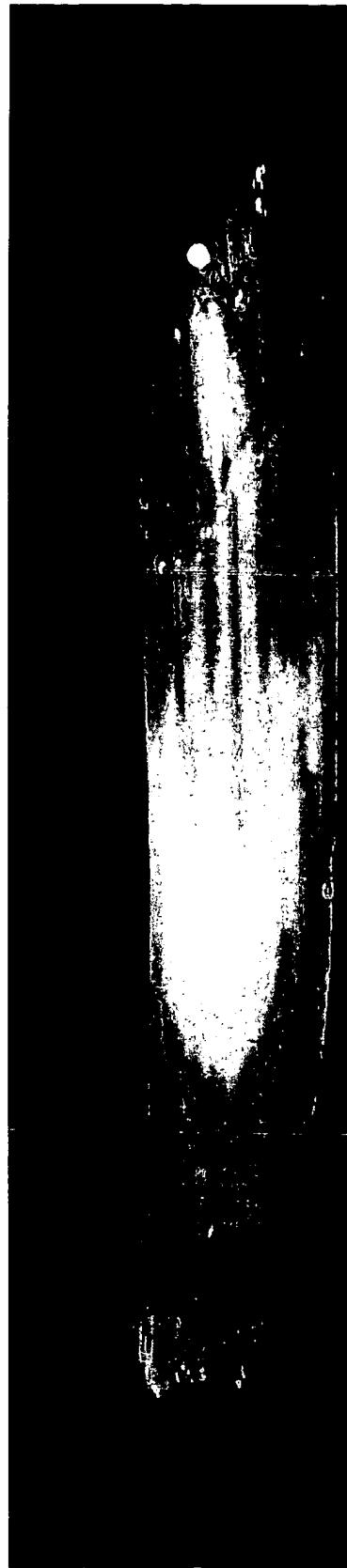




FIGURE 12

System-Regulated, Plant Design-Specific Expression in
Uses Threof in Tissue-Specific Expression in
Monocots
Inventors: T. Erik Miksov, et al.
Attorney Docket 017575.0774
Page 20 of 23 - Figure 12

FIGURE 12



Page 21 of 23 - Figure 12
Attorney Document 017575.0774
Inventors: T. Erik Miksov, et al.
Monocots
Uses Thereof in Tissue-Specific Expression in
Stem-Regulation, Plant Designe from the
United States Patent and Trademark Office

FIGURE 13

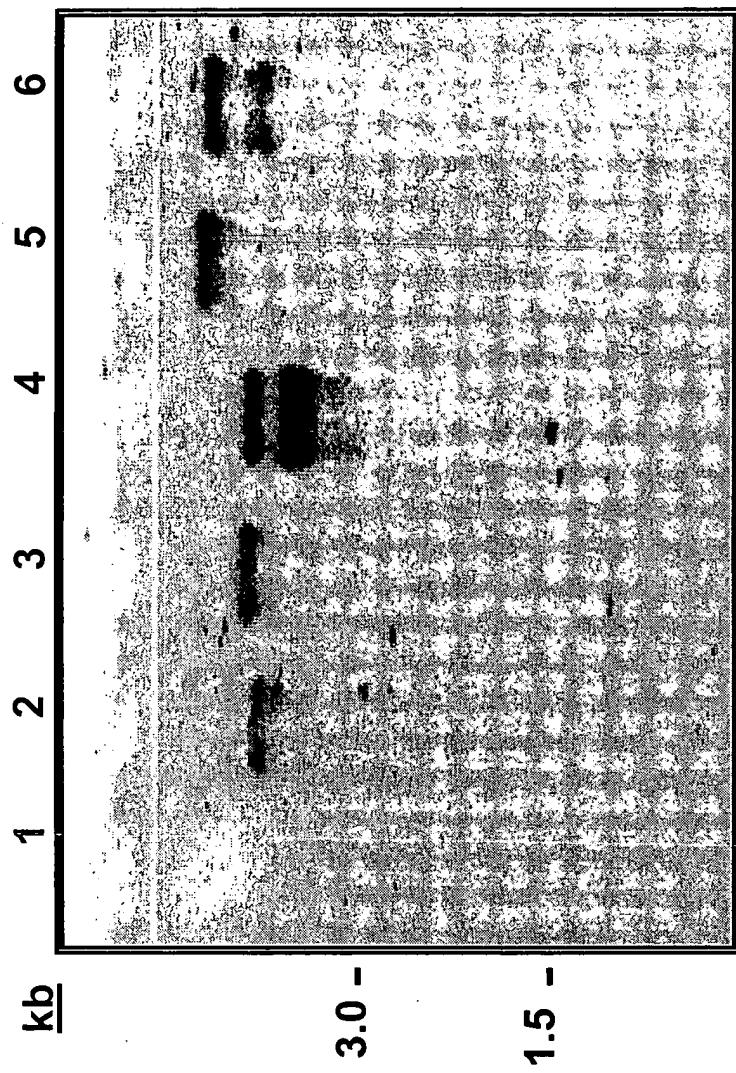


FIGURE 14

sorghum (RPx430) and maize (B73) stem cells

